

CATALOG NO. 500
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SANGAMO ELECTRIC COMPANY

SPRINGFIELD, ILLINOIS

SANGAMO TIME-SWITCHES

FORM K---SYNCHRONOUS MOTOR---SILVER CONTACTS



FORM K

The Form K Time-Switch is operated by a slow-speed, self-starting synchronous motor. Can be set for 1 to 3 daily "on" and "off" operations. Manual operation without affecting subsequent operations.

FORM	POLES	THROW	A. C.—115 V.		A. C.—230 V.	
			Amp.	List	Amp.	List
K-11	Single	Single	35	\$20.00	35	\$20.00
K-21	Double	Single	35	22.50	35	22.50
K-12	Single	Double	35	22.50	35	22.50

Specify voltage and frequency. $4\frac{1}{4}$ " Wide, $9\frac{1}{4}$ " High, and $3\frac{3}{4}$ " Deep. Shipping Weight $6\frac{1}{2}$ pounds.

External knobs for manual operation either "off" or "on," \$1.00 list. Double knobs for both "off" and "on," \$1.50 list.

Four $\frac{3}{4}$ " pry-outs in back, bottom and both sides.

FORM VS---SYNCHRONOUS MOTOR---SILVER CONTACTS



FORM VS

Built in a wide variety of combinations for alternating current circuits, from the simple single-pole, single-throw, to the triple-pole, double-throw. Can be used in combinations providing two-circuit, duplex, outdoor, and astro-nomic dial switch.

Pure silver mechanical contacts. Can be operated manually without affecting subsequent operations.

FORM	POLES	THROW	A. C.—115 V.		A. C.—230 V.	
			Amp.	List	Amp.	List
VS-11	Single	Single	35	\$24.00	35	\$24.00
VS-21	Double	Single	35	26.50	35	26.50
VS-31	Triple	Single	6	29.00	3	29.00
VS-12	Single	Double	35	26.50	35	26.50
VS-22	Double	Double	6	29.00	3	29.00
VS-32	Triple	Double	6	31.50	3	31.50

Specify voltage and frequency. $4\frac{1}{4}$ " Wide, $9\frac{1}{4}$ " High, $3\frac{3}{4}$ " Deep. Shipping weight $6\frac{1}{2}$ pounds.

An Advanced Time Cutoff, arranged to operate any day or days of the week, can be supplied on any VS time-switch. The time of operation is adjustable on each unit. When specified add \$5.00 list.

Four $\frac{3}{4}$ " pry-outs in back, bottom and both sides.

External knobs for manual operation either "off" or "on," \$1.00 list. Double knobs for both "off" and "on," \$1.50 list.

FORM VW---A. C. ELECTRICALLY WOUND---SILVER CONTACTS



FORM VW

Electrically wound with ten hour reserve for A. C. operation. Jewelled balance, non-magnetic, non-rusting hairspring. Omitting device omits "on" operation for any days desired. Silver contacts. Can be operated manually without affecting subsequent operations.

FORM	POLES	THROW	A.C.—115 V.		A.C.—230 V.	
			Amp.	List	Amp.	List
VW-11	Single	Single	35	\$27.50	35	\$27.50
VW-21	Double	Single	35	30.00	35	30.00
VW-31	Triple	Single	6	32.50	3	32.50
VW-12	Single	Double	35	30.00	35	30.00
VW-22	Double	Double	6	32.50	3	32.50
VW-32	Triple	Double	6	35.00	3	35.00

Specify voltage and frequency. $4\frac{1}{4}$ " Wide, $9\frac{1}{4}$ " High, $3\frac{3}{4}$ " Deep. Shipping weight $6\frac{1}{2}$ pounds.

An Advanced Time Cutoff, arranged to operate any day or days of the week, can be supplied on any VW time-switch. The time of operation is adjustable on each unit. When specified add \$5.00 list.

Four $\frac{3}{4}$ " pry-outs in back, bottom and both sides.

ASTRONOMIC DIALS

The modern trend for the control of signs, billboards, and window lights is definitely toward astronomic dial time-switches, which change automatically "on" and "off" operations in accordance with sunset and sunrise. For Form VS only, add code Z; Add to list price.....\$15.00

OUTDOOR CASES

For outdoor installations, a heavy cast iron, cadmium plated, finished with aluminum paint, weather-proof case can be furnished. Ideal for outdoor sign boards. For Forms VS and K only, add to list price with window.....\$11.00
Without window 10.00

FORM TW---D. C. ELECTRICALLY WOUND---MERCURY CONTACTS

FORM	POLES	THROW	D.C.—115 V.		D.C.—230 V.	
			Amp.	List	Amp.	List
TW-11	Single	Single	30	\$36.00	15	\$41.00
TW-12	Single	Double	20	40.00	15	45.00
TW-21	Double	Single	20	40.00	15	45.00
TW-22	Double	Double	5	44.00	5	49.00

Specify voltage. 4 1/4" Wide, 9 1/4" High, 4 1/2" Deep. Shipping Weight 7 1/2 pounds.

For Advanced Time Cut-off add \$5.00 list include designating letter "E" to the form: example TWE-11.

A solenoid, impulse type winding motor intermittently winds the main spring. The motor is connected in the circuit only during the act of winding.

Four 3/4" pry-outs in back, bottom and both sides.

Electrically wound for direct current service. Provides 3 1/2 minute carry-over during current interruptions. Omitting device included. Mercury tube contacts. Can be operated manually, without affecting subsequent operations.



FORM TW

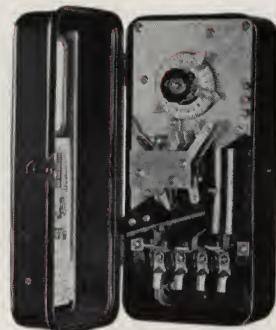
TWO-CIRCUIT VS AND VW SYNCHRONOUS MOTOR---SILVER CONTACTS

FORM	WITH STANDARD DIALS	Without Omitting Device	
		115 Volt	230 Volt
VSYA	Two-Circuit 35 Amp.	\$31.00	\$31.00
VWYA	Two-Circuit 35 Amp.	34.50	34.50

Specify voltage and frequency. 4 1/2" wide, 9 1/4" high, 3 3/4" deep. Shipping weight 6 1/2 lb.

For omitting device add \$3.50 list. For Astronomic Dial on VS Switch add \$15.00 list. Both circuits "on"; one circuit off, second circuit off. For reverse operation, one circuit "on", second circuit "on"; both circuits off: code letter "G." Same list prices apply.

Either the self-starting synchronous motor Form VS, or the electrically wound Form VW Time-Switches can be supplied in the two-circuit construction. Can be operated manually, without affecting subsequent operations.



FORM VSYA

DUPLIX TIME-SWITCHES---SILVER CONTACTS

FORM	NO. POLES	THROW	A. C.—115 VOLT		A. C.—230 VOLT		FORM	A. C.—115 VOLT		A. C.—230 VOLT	
			Amp.	List	Amp.	List		Amp.	List	Amp.	List
VSD-11	Single-Pole	Single-Throw	35	\$42.50	35	\$42.50	VWD-11	35	\$50.00	35	\$50.00
VSD-21	Double-Pole	Single-Throw	35	47.50	35	47.50	VWD-21	35	55.00	35	55.00
VSD-12	Single-Pole	Double-Throw	35	47.50	35	47.50	VWD-12	35	55.00	35	55.00
VSD-22	Double-Pole	Double-Throw	6	52.50	3	52.50	VWD-22	6	60.00	3	60.00

Specify voltage and frequency 9 1/2" Wide, 10 1/4" Long, 3 3/4" Deep

Shipping Weight, 14 pounds.

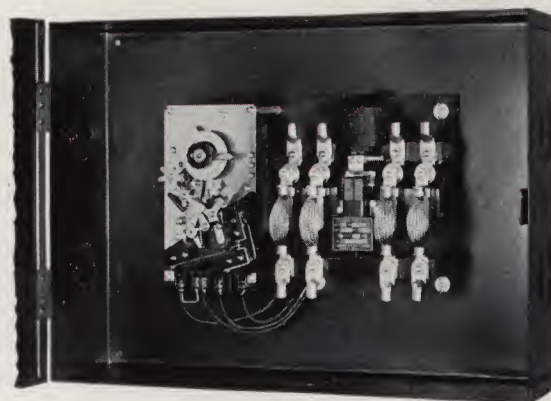
60 and 100 AMPERES TIME-SWITCHES---SILVER CONTACTS

Time-Switches Forms K, VS, VSZ and VW combined with contactor for A.C., double-pole; triple-pole and four pole, single-throw operation.

FORM	AMPERES	POLES	VOLTS	LIST
K-6162L	60	2	115	\$57.00
K-6163L	60	3	115	60.50
K-6164L	60	4	115	64.00
K-6262L	60	2	230	58.25
K-6263L	60	3	230	62.75
K-6264L	60	4	230	65.25
K-6112L	100	2	115	62.00
K-6113L	100	3	115	67.00
K-6114L	100	4	115	72.00
K-6212L	100	2	230	63.25
K-6213L	100	3	230	68.25
K-6214L	100	4	230	73.25

For Form VS add \$4.00; for Form VSZ add \$19.00; for Form VW add \$7.50 to above list prices.

Cabinet Size: 2-Pole, 17"x14"x5"; 3 and 4-Pole, 19 1/2"x14"x5". Shipping Weight 40 pounds. Ample knock-outs in sides, top and bottom.

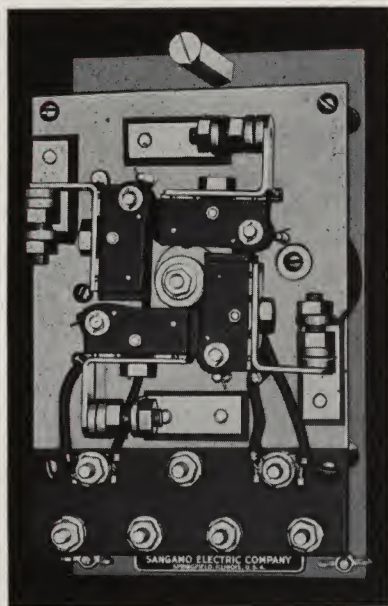


VS-6114L

Underwriters' Laboratories E-10220

SANGAMO FLASHERS

FLASHERS MODEL 1 AND MODEL 2



Model 2-6144

Four-circuit high-speed border chaser

Sangamo Flashers are built to give trouble-free and dependable service for years. They are simple and sturdy in construction and will control any type of display from a simple "off and on" effect to the most spectacular action.

Models 1 and 2, "Off and On" and "Chaser" flashers are small and compact, for installation inside the sign.

Pure silver contacts are used on all flashers. They will not pit or stick, and will insure long life without replacement. The use of silver contacts allows the flasher to be operated in any position; no leveling or final adjustment after installation is needed. Heat or cold, or short circuits in the sign do not affect the flasher. High grade, hardened ball bearings are used. They are enclosed in a dust-proof housing, lubricated in assembly, and need no further attention during the life of the flasher.

The slow speed induction disk motor has a simple speed adjustment. The fast speed is two times greater than the slow speed. The cost of operation of these flashers is very small; the motor draws less than fourteen watts on the Model 1 and less than thirteen watts on the Model 2.

All steel parts on Sangamo Flashers are heavily cadmium plated. All drives are either direct or through spur gear reduction. This insures positive and even action.

The contact points are rated to carry 25 amperes, 2,875 watts per circuit, 115 volts, alternating current; or 2,875 volt-ampere neon tube transformer load. For larger loads than flasher rating, use Model 7 or 8 Contactors.

OFF AND ON OR ALTERNATE FLASHER MODEL 1

Flasher Size $4\frac{1}{4}" \times 7\frac{1}{2}" \times 4\frac{1}{4}"$

50 OR 60 CYCLES

Cabinet Size $6" \times 9\frac{1}{2}" \times 5"$

MODEL	NUMBER OF CIRCUITS	CIRCUIT TIMING	WIRED	WATTAGE PER CIRCUIT	AMPERES PER CIRCUIT	TOTAL WATTAGE	LIST PRICE LESS CABINET
1-6101	1	Off and On	115	2875	25	2875	\$24.00
1-6102	2	Off and On	115-230	2875	25	5750	30.00
1-61A2	2	Alternate	115-230	2875	25	5750	27.00

Speed Adjustment: 12 to 24 flashes per minute.

For special speeds consult factory.

For 25 cycle: Add \$27.50 list and specify speed of flash desired.

Cabinet: Slide cover type "Weatherproof," \$4.50 list; Hinged type, Cabinet, \$3.25 list.

Replacement contacts: \$1.00 list per set of two.

HIGH SPEED BORDER CHASER FLASHERS MODEL 2

Flasher Size $4\frac{1}{4}" \times 7\frac{1}{2}" \times 4\frac{1}{4}"$

50 OR 60 CYCLES

Cabinet Size $6" \times 9\frac{1}{2}" \times 5"$

MODEL	NUMBER OF CIRCUITS	CIRCUIT TIMING	WIRED	WATTAGE PER CIRCUIT	AMPERES PER CIRCUIT	TOTAL WATTAGE	LIST PRICE LESS CABINET
O 2-6133	3	1-3	115-230	2875	25	8625	\$29.00
2-6136	6	1-3	115-230	2875	25	17250	57.00
O 2-6144	4	1-4	115-230	2875	25	11500	30.00
2-6148	8	1-4	115-230	2875	25	23000	58.00
2-6166	6	1-6	115-230	2875	25	17250	40.00

Speed Adjustment: 150 to 250 flashes per minute.

25 Cycles: Add \$27.50 list. 25 cycle Model 2 flashers driven by a constant speed induction motor, specify speed of flash on order. For separate motor connections add \$1.00 list.

Cabinet: Cabinets for flashers marked "O"—Slide cover type "Weatherproof," \$4.50 list; Hinged type Cabinet, \$3.25 list. Cabinets for other flashers not marked "O," hinged type only, \$3.25 list.

Replacement Contacts: \$1.00 list per set of two.

DIRECT CURRENT FLASHERS

Standard A.C. flashers can be used on direct current where alternating current is available for the motor. Condensers of the proper size and type must be connected to the contacts for proper operation. Where A.C. is not available for the motor, flashers can be furnished driven by a direct current motor.

For prices consult the factory, giving number of circuits, load per circuit and flashing cycle or sequence desired.

Underwriters' Laboratories E-10550

SPELLER FLASHER, MODEL 4

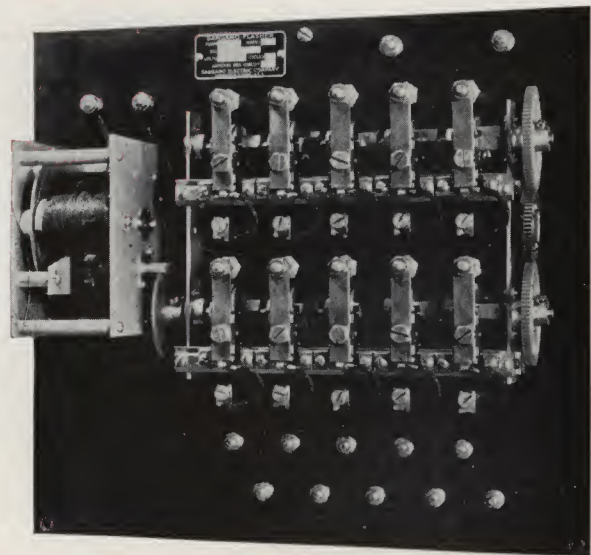
Speller flashers are so designed that they can be built to meet any requirement in the control of electric signs.

Each contact is controlled by individual split cams. One cam controls the "on" operation and the other one the "off" operation; only one "on" and "off" operation per contact per cycle.

When two or more circuits are to operate in unison the whole load is put on one contact, if it doesn't exceed the capacity of one contact. In case the load is larger than the capacity of one contact, then the load is broken through relays, so that a clean cut operation is assured.

The contacts on the Model 4 Speller flasher are in two sizes, 25 and 50 amperes, alternating current. Silver contacts are used.

The 50 ampere contact is recommended when the operations are not over ten per minute.



Speller Flasher Model 4, Form 61S10

SPELLER FLASHERS

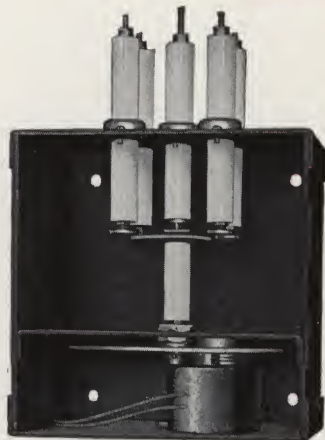
50 OR 60 CYCLES

\$40.00 base price, plus \$6.50 per contact for 25 amperes, or \$7.50 per contact for 50 amperes. Both capacity contacts can be used on the same Speller. For 25 cycles, add \$11.50 list.

When ordering Speller type flashers, be sure to furnish the factory with complete information, including the number of circuits, load per circuit, flashing cycle or sequence of operation desired, and advise whether 115 volts, 2 wire or 115/230 volts, 3 wire power supply is available.

For D.C. prices, consult the factory, giving complete information for quotation. Cabinet prices on application.

HIGH VOLTAGE NEON FLASHER, MODEL 5



The Model 5 Flasher is an adjustable speed motor driven unit for the flashing of neon tube signs on the high voltage or secondary side of the transformers.

The switching mechanism is operated on the well-known automobile ignition distributor system and is reliable, dependable and positive in action. Each unit will handle one 15,000 volts, 30 M.A. transformer. Glazed porcelain insulation is used throughout on all the high voltage circuits. All metal parts in the contact chambers are of stainless steel to prevent corrosion.

The speed of flash is varied by a simple speed adjustment from 120 to 300 flashes per minute.

The unit is compact and can be mounted inside the sign. For best results the flasher should be mounted with terminals in the "up" position. Be sure all terminals are connected.

As shown below the flasher is made in five different styles.

115 VOLTS, 50 OR 60 CYCLES

Shipping weight, 6 lbs.

MODEL	SIZE	CIR- CUITS	RATE OF FLASH	LIST PRICE	MODEL	SIZE	CIR- CUITS	RATE OF FLASH	LIST PRICE	MODEL	SIZE	CIR- CUITS	RATE OF FLASH	LIST PRICE
5-61N2	5x4½x6	2	120 to 300	\$12.00	5-61E2	6¼x5x6	2	35 to 120	\$16.00	5-61R2	6¼x5x6	2	5 to 35	\$16.00
5-61N3	5x4½x6	3	120 to 300	12.50	5-61E3	6¼x5x6	3	35 to 120	16.50	5-61R3	6¼x5x6	3	5 to 35	16.50
5-61N4	5x4½x6	4	120 to 300	13.00	5-61E4	6¼x5x6	4	35 to 120	17.00	5-61R4	6¼x5x6	4	5 to 35	17.00
5-61N6	5x4½x6	6	120 to 300	15.00	5-61E6	6¼x5x6	6	35 to 120	19.00	5-61R6	6¼x5x6	6	5 to 35	19.00
5-61N8	5½x5x6	8	120 to 300	18.00	5-61E8	6x6x6	8	35 to 120	22.00	5-61R8	6x6x6	8	5 to 35	22.00

For other voltages and frequencies, add \$1.25 to list price. Speed of 25 cycles flasher 50 to 75 flashes per minute. Double or triple speed may be had by using a flasher having double or triple the required number of terminals.

FLASHERS, MODEL 3



"Alternate" Flasher, Model 3, Form 61A2

The contact fingers are equipped with rollers which ride on bakelite cams. This unit is so designed that it can be installed in the sign and will operate in any position.

The Model 3 flasher has been developed to fill the need for a small, inexpensive, but dependable flasher that is simple in design and rugged in construction. The flasher, complete with cabinet, weighs less than six pounds, and will operate in any position. It is an ideal unit for the control of small signs and will give dependable and satisfactory service for a long period of time.

The flasher has coin silver contacts and is driven by a slow speed induction motor. This motor has a simple speed adjustment which permits a change in speed over a very wide range. The bearings are of the polished pivot construction, and are lubricated for the life of the flasher. The operations are not affected in any manner by extreme variations of temperature. The contacts are rated at 15 amperes, (1725 watts or 1725 V.A. transformer rating) 115 volts alternating current.

All steel parts are heavily cadmium plated, an accepted rust-proofing treatment.

OFF & ON AND ALTERNATE FLASHERS

5 $\frac{5}{8}$ "x4 $\frac{3}{8}$ "x2 $\frac{1}{4}$ "

50 OR 60 CYCLES

MODEL	NUMBER OF CIRCUITS	CIRCUIT TIMING	WIRED	WATTAGE PER CIRCUIT	AMPERES PER CIRCUIT	TOTAL WATTAGE	LIST PRICE LESS CABINET
O 3-6101	1	Off and On	115V.	1725	15	1725	\$11.00
O 3-6102	2	Off and On	X115	1725	15	3450	13.25
3-6103	3	Off and On	115-230	1725	15	5175	17.50
3-6104	4	Off and On	115-230	1725	15	6900	19.75
O 3-61A2	2	Alternate	X115	1725	15	3450	13.25
3-61A3	3	Alternate	115-230	1725	15	5175	17.50
3-61A4	4	Alternate	115-230	1725	15	6900	19.75

Cabinet: Cabinets for flashers marked "O"—Slide cover type "Weatherproof," \$3.25 list; Hinge type Cabinet \$1.50 list. Cabinets for other flashers not marked "O," hinged type only, \$2.50.

Speed of flash: 15 to 30 flashes per minute.

Standard cams are set for 50-50 operation.

For special cams add \$0.50 list per contact extra.

For adjustable cams add \$1.25 list per contact extra.

Replacement contacts list per pair \$1.00. Specify front or rear.

"X": In case flashers marked "X" are desired wired for 115/230 volts, specify on order, add \$1.25 list.

For 25 cycle flashers, add \$4.50 to list price of 60 cycle flashers and specify speed of flash desired.

Cabinets for 25 cycle flashers extra, consult factory.

For 230 volts add \$1.25 list extra.

HIGH SPEED BORDER CHASER FLASHERS

4 $\frac{7}{8}$ "x4 $\frac{3}{8}$ "x4"

50 OR 60 CYCLES

MODEL	NUMBER OF CIRCUITS	CIRCUIT TIMING	WIRED	WATTAGE PER CIRCUIT	AMPERES PER CIRCUIT	TOTAL WATTAGE	LIST PRICE LESS CABINET
3-6133	3	1-3	115-230	1725	15	5175	\$17.50
3-6144	4	1-4	115-230	1725	15	6900	19.75

Standard flashing: 1 "off", 3 "on".

Speed of flash: 175 to 240 flashes per minute.

Cabinet: \$2.50 list.

For 25 cycles, add \$4.50 to list price of 60 cycle flashers and specify speed of flash desired.

Replacement contacts, list per pair \$1.00; specify front or rear.

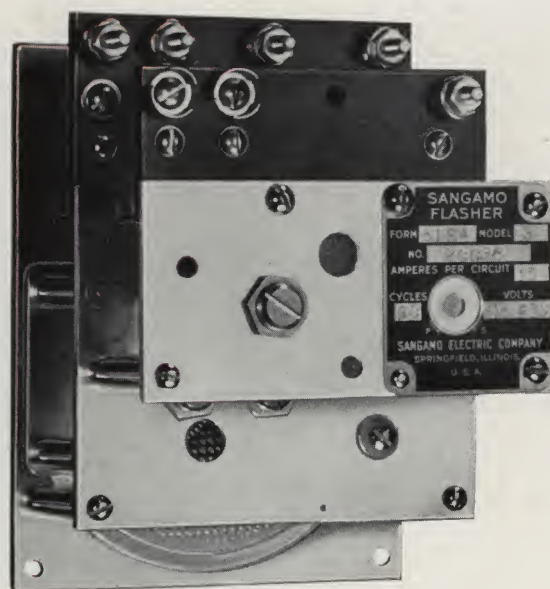
Underwriters' Laboratories E-10550

SPELLER FLASHER, MODEL 3

The Model 3 Speller Flasher was designed to fill the need for an inexpensive Speller Flasher. This unit uses the standard Model 3 contacts rated at 15 amperes, 115 volts, alternating current. The cams are made of canvas base bakelite, and are cut to meet the different flashing cycles as required. The cams are all cut special, so that for each circuit as many operations per cycle per contact, as desired, may be supplied.

The illustration at the right shows the type of construction up to four contacts. Above four contacts a slightly different mounting arrangement is required.

With this arrangement the motor is mounted on edge at the left of a steel plate, with the contacts mounted to the right in a horizontal plane. As many contacts as may be required for the control of any spelling action can be supplied.



Model 3, Speller Flasher, 3-61S4

SPELLER TYPE FLASHER

50 OR 60 CYCLES

MODEL	NUMBER OF CIRCUITS	CIRCUIT TIMING	WIRED	WATTAGE PER CIRCUIT	AMPERES PER CIRCUIT	TOTAL WATTAGE	LIST PRICE LESS CABINET
3-61S1	1	As	115	1725	15	1725	\$17.50
3-61S2	2	specified	115	1725	15	3450	19.75
3-61S3	3	on	115-230	1725	15	5175	24.25
3-61S4	4	Order	115-230	1725	15	6900	26.50
	Five Contacts or more see below	See below					

For 25 cycles add \$4.50 list extra. No speed adjustment. Three different fast cycles may be had as follows: 4 seconds, 8.5 seconds, and 18.7 seconds, (the slow cycle is three times as long as the fast cycle and is easily adjusted).

Replacement contacts per pair \$1.00. Specify front or rear. In case 3-61S2 desired wired for 115-230 volts add \$1.25 list. For 230 volts add \$1.25 list extra.

For Speller type flashers having more than four contacts, specify complete information on order as to the number of circuits, timing desired, wattage per circuit.

Prices are figured as follows:

\$44.00 for first five contacts, plus \$4.50 for each additional contact.

25 Cycles, \$4.50 list extra. No speed adjustment, specify speed. Cabinets: 1-4 contacts \$2.50 list extra. 5-20 contacts \$5.50 list extra.

RADIO INTERFERENCE ELIMINATOR

The arcing at the contacts of the flashers may cause radio interference which, on some installations, is objectionable.

Each eliminator consists of two choke coils and two condensers, so that the interference is completely choked and given a path to ground.

For best results eliminator should be mounted in the same cabinet as the flasher and with the leads as short as possible.

Five types of eliminators have been developed to reduce this interference to a minimum.

One eliminator is required for each contact or circuit that is causing the interference. Full directions for connecting the eliminator are supplied.

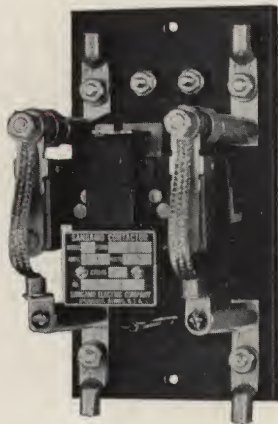
These eliminators are not for use with high voltage flashers.

MODEL	AMP. PER CIRCUIT	One Unit required for each circuit causing interference	LIST PRICE
A	5		\$4.75
B	15	Model E is designed for use with two-circuit flashers where both circuits are fed by common feed.	5.50
C	25		8.25
D	2 1/2		3.75
E	2 1/2		5.00

Add \$1.00 to list price of cabinet for flasher when eliminators are to be mounted in cabinet.

SANGAMO CONTACTORS

MODEL 6 - FOR GENERAL DUTY



Model 6 Contactor

Sangamo Model 6 Contactors are for time-switch, switch-board and remote control duty, or any place a sturdy contactor is required where the frequency of operation does not occur oftener than every two minutes. Model 6 is made in 2, 3, or 4 poles with ratings of 60 and 100 amperes. When specified, it is furnished with two coils and a mechanical latch. The mechanical latch is for use where specifications call for absolute quiet between operations.

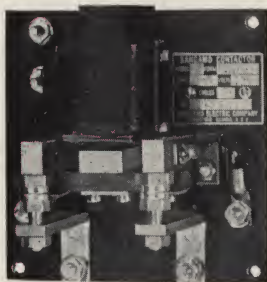
115 Volts, 50 or 60 Cycles

Weight, 5½ pounds

MODEL	CIRCUITS			TOTAL WATTS	SIZE			LIST PRICE LESS CABINET
	No.	Amp.	Watts		Wd.	Ht.	Dep.	
6-6162	2	60	6900	13800	3¾"	7"	5"	\$22.00
6-6163	3	60	6900	20700	6"	7"	5"	25.50
6-6164	4	60	6900	27600	6"	7"	5"	29.00
6-6112	2	100	11500	23000	4"	7"	5"	27.00
6-6113	3	100	11500	34500	6½"	7"	5"	32.00
6-6114	4	100	11500	46000	6½"	7"	5"	37.00

A mechanically held latch with electrical release can be supplied on any Model 6 contactor. Add "L" to Model designation and \$7.50 to list price. Cabinet: Add \$3.25 list. 230 volts or 25 cycles, add \$1.25 to list price. Lock type \$7.50 list extra. Replacement contacts: 60 amperes \$1.25 per pair; 100 amperes \$1.50 per pair. Can be supplied for panel board mounting at same list price.

MODEL 7 - FOR FLASHING DUTY



Model 7 Contactor

Sangamo Model 7 Contactors are for flashing duty up to speeds of 200 operations per minute. These contactors operate with contacts normally closed; the contacts are open only when current is applied to the coil.

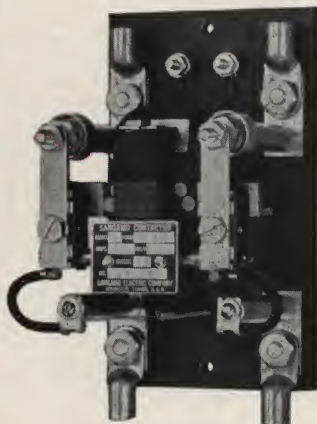
115 Volts, 50 or 60 cycles

Weight 2 pounds

Model	Circuits	Amp. Per Cret.	WD.	HT.	DEP.	List Price
7-6122	2	25	4¾"	4⅞"	3½"	\$13.25
7-6152	2	50	4¾"	4⅞"	3½"	17.50

230 Volts or 25 cycles, add \$1.25 to list price. Can be supplied for panel board mounting at same list price.

MODEL 8 - FOR FLASHING DUTY



Model 8 Contactor

Sangamo Model 8 Contactors are for flashing duty where speeds do not exceed 30 operations per minute. This model is similar in size and appearance to Model 6, the chief difference being that Model 8 Contactors use contacts suited for higher speed operation.

115 Volts, 50 or 60 cycles

Weight 5½ pounds

MODEL	CIRCUITS			TOTAL WATTS	SIZE			LIST PRICE LESS CABINET
	No.	Amp.	Watts		Wd.	Ht.	Dep.	
8-6122	2	25	2875	5750	3¾"	7"	5"	\$22.00
8-6123	3	25	2875	8625	6"	7"	5"	25.50
8-6124	4	25	2875	11500	6"	7"	5"	29.00
8-6152	2	50	5750	11500	4"	7"	5"	27.00
8-6153	3	50	5750	17250	6½"	7"	5"	32.00
8-6154	4	50	5750	23000	6½"	7"	5"	37.00

Cabinet: Add \$3.25 to list price. 230 volts or 25 cycles, add \$1.25 list. Replacement contacts: 25 amperes \$1.25 per pair; 50 amperes \$1.50 per pair. Can be supplied for panel board mounting at same list price.

C. ROBERT CHURCHILE
LOUISIANA BUILDING
NEW ORLEANS, LA.

Sangamo Electric Company

Springfield, Illinois, U. S. A.

Printed in U. S. A.

SANGAMO CONTACTORS

MODEL 6 - FOR GENERAL DUTY

Sangamo Model 6 Contactors are for time-switch, switch-board and remote control duty, or any place a sturdy contactor is required where the frequency of operation does not occur oftener than every two minutes. Model 6 is made in 2, 3, or 4 poles with ratings of 60 and 100 amperes. When specified, it is furnished with two coils and a mechanical latch. The mechanical latch is for use where specifications call for absolute quiet between operations.

Weight 5 1/4 pounds

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